



Ebooks: Opportunities & Challenges for Libraries

Ann Awakuni - MOBAC, January 2011



E-ink vs. LCD

E-INK:

KINDLE, KOBO, NOOK &
SONY READER

NOT BACKLIT;
NEED A LIGHT SOURCE

EASIER ON THE EYES

GOOD BATTERY LIFE:
2-4 WEEKS

LONGER PAGE REFRESH

LCD (TABLET):

IPAD, NOOK COLOR

BACKLIT, GLARE

HARSHER ON THE EYES

8-10 HOUR BATTERY W/ WIFI

INSTANT PAGE TURN

iPad - Apple

- \$499 or \$630 for 3G
- 1.5 lbs
- Color display
- 9-inch LCD screen
- Kindle, ibooks, Nook apps
- 2-page layout
- Instant page turn



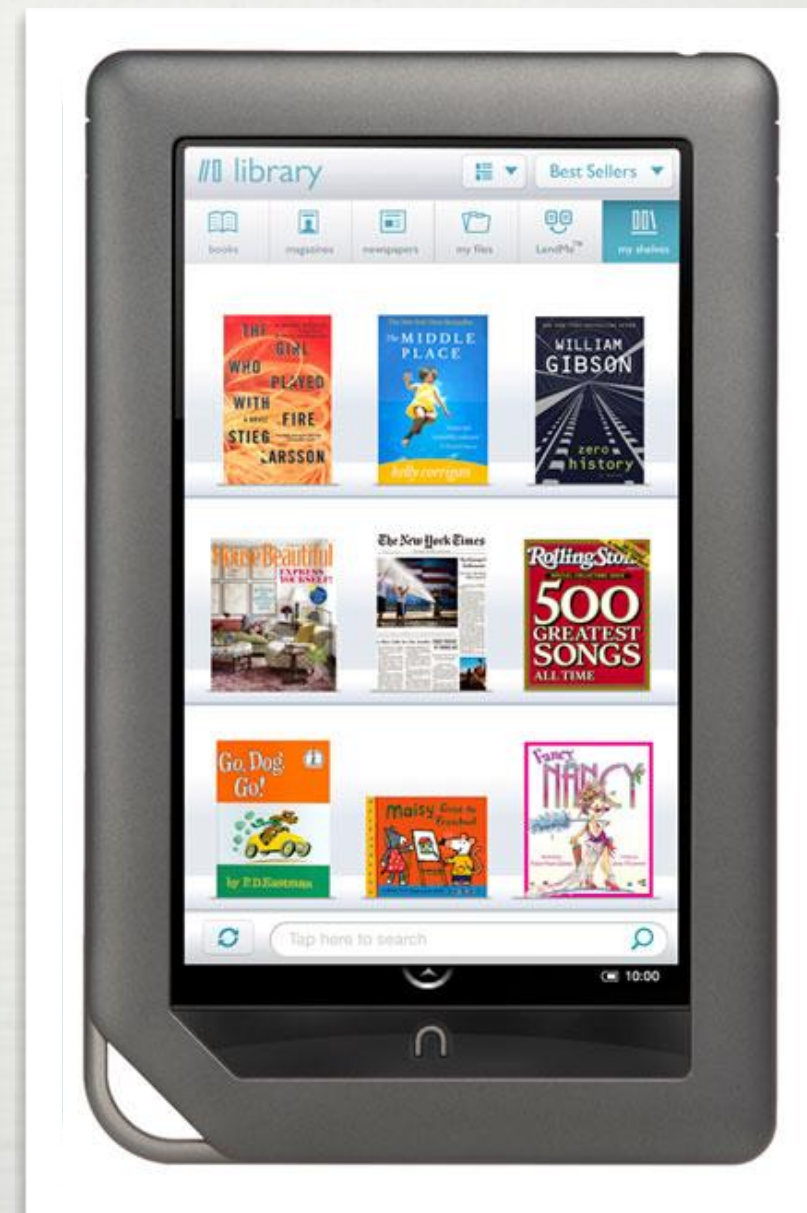
Kindle - Amazon

- (6 inch) wifi \$139, 3g-\$189, (9.7 inch) dx-\$379
- Weight: 8.5 oz. - 18.9 oz.
- Capacity: 3,500 books
- Has an actual keyboard
- Read to me feature
- Lend to a friend feature: 2 weeks
- Whispersync: “in the cloud”
- Not compatible with Overdrive



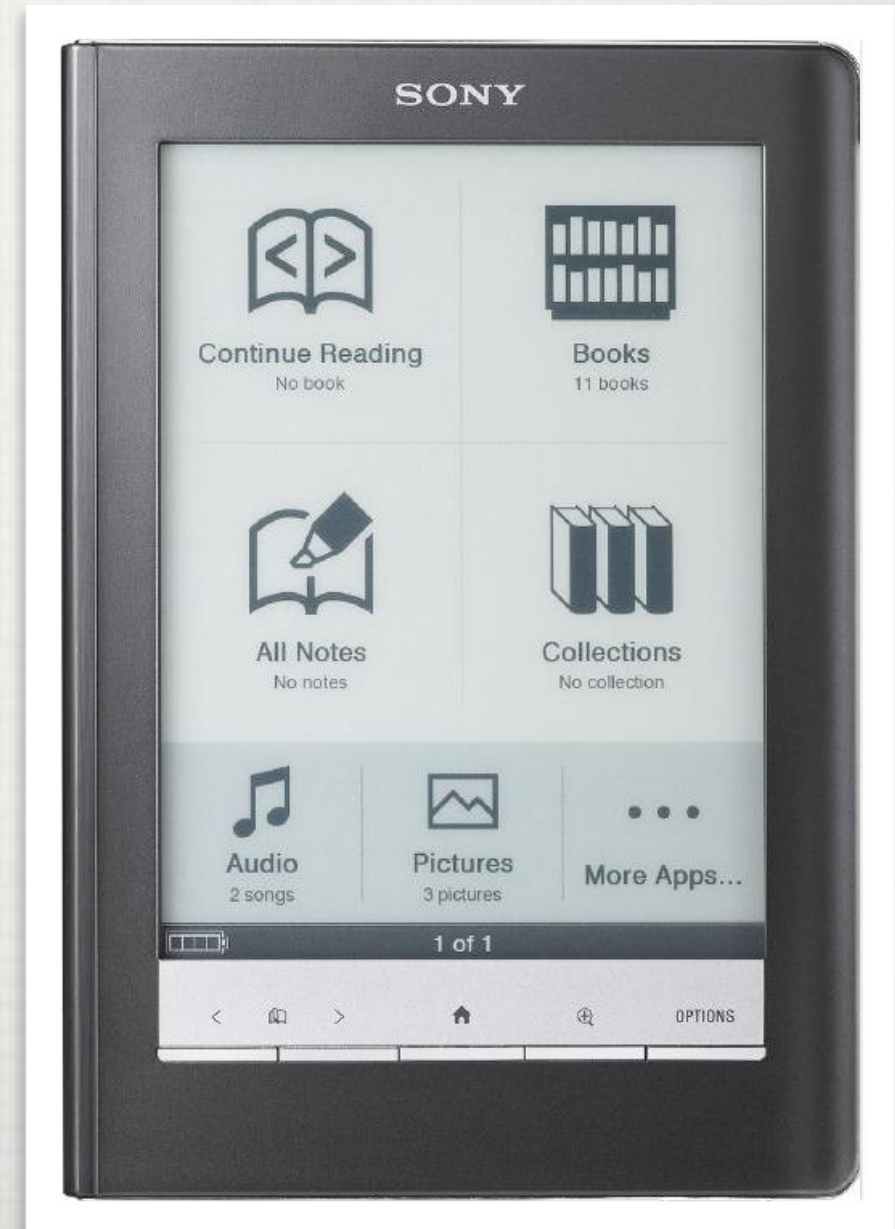
Nook - Barnes & Noble

- \$149 & \$249 for Nook Color
- 2 gb - 8gb: 1500 - 6,000 books; can add up to 16 gb with microSD
- Wifi free connect to any at&t hotspot, (no 3G for Nook Color)
- “Lend me” feature: 2 weeks
- Nook Color - runs Android
- Overdrive compatible



Sony ereader

- \$179-Pocket; \$229-Touch; \$249-Daily edition
- E-ink Vizplex
- Black and white
- Can be read in direct sunlight
- Reader Touch and Daily editions plays some audio

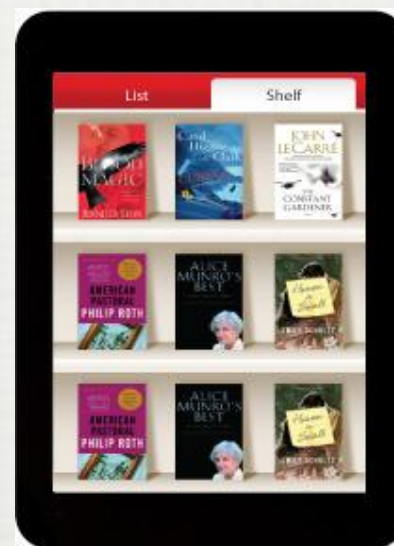


Other ereaders

Alex eReader



Cruz eReader



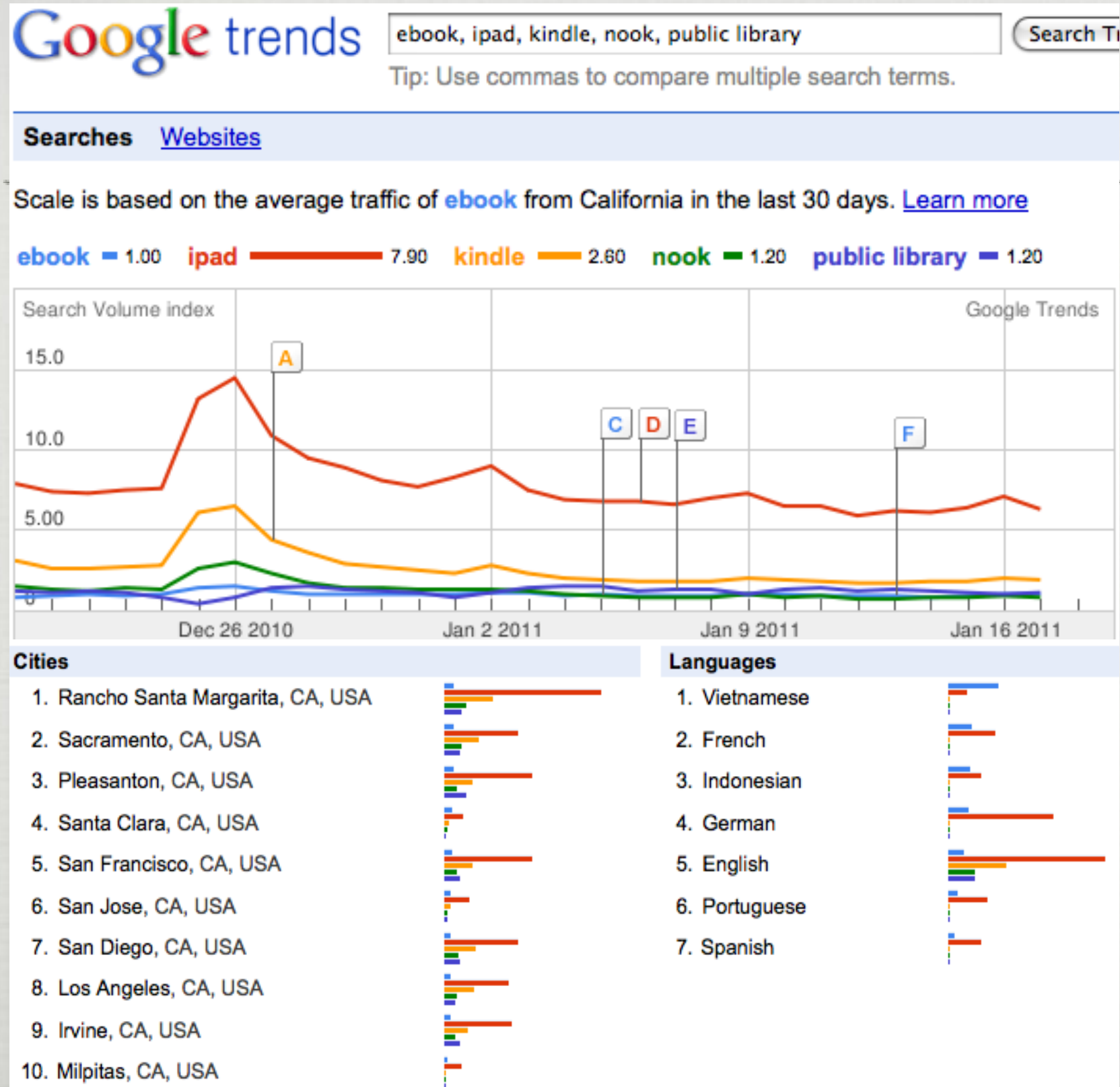
Kobo



Literati

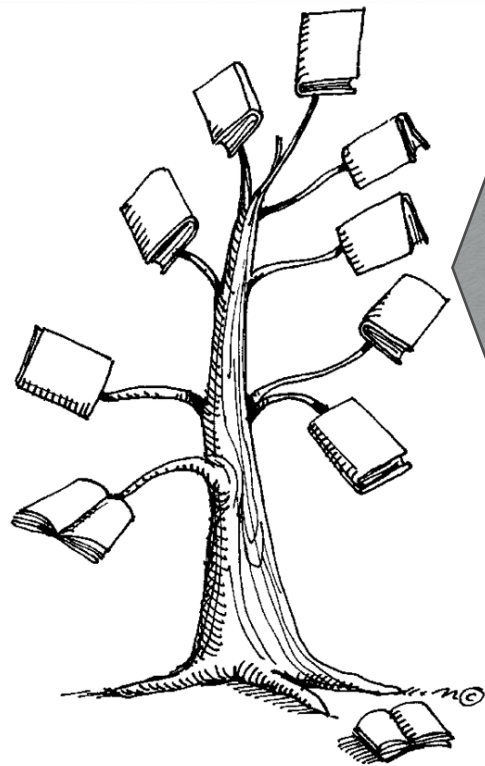


Pandigital Novel



GOOGLE TRENDS

Google search
traffic for: ipad,
kindle, nook,
ebook, public
library



TREE BOOKS

EBOOKS



TREE BOOKS vs EBOOKS

Are e-books “greener” than p-books?

- **Life Cycle Assessment:**

- (1) material production
- (2) product manufacturing
- (3) product distribution
- (4) product use
- (5) end-of-life management



Who has
a smaller
ecological
footprint?


Pixels vs. Paper

Paper industry is the largest user of water

Life span of books vs. electronics

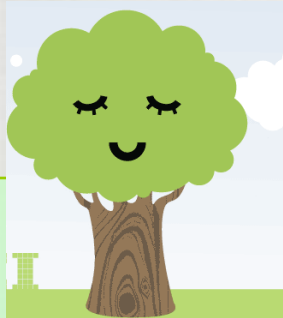
E-waste: Only 10% of electronics are recycled

Transportation costs:
1 gallon of gas =
20 lbs. of CO₂



Mixed
bag

Carbon Footprint



CO2 Emissions:

- iPad Wi-Fi + 3G Model = 130 kg CO2
- average print book = 7.46 kg CO2
- Breakeven point: ipad becomes a more environmentally friendly option once user reads their 18th book



User behavior is a big factor:

How many books do you read?

How long will you keep the device before switching to a new one?

Will you recycle the device?

Libraries lending ereaders

Library	Kindle	Kobo	Nook	Sony
Frank L. Weyenberg Library, WI				
Glencoe Public Library, IL				
Manchester Public Library, MA				
Howe Public Library, NH				
Palm Harbor Library, FL				
Perrot Memorial Library, CT				
Rancho Mirage Public Library, CA				
Reedsburg Public Library, WI				
San Diego Co. Library, CA				
San Diego Public Library, CA				
Skokie Public Library, IL				
Sparta Public Library, NJ				
Whitman Public Library, MA				
Wilmington Public Library, MA				

Lending Kindles:

Howe Public Library, NH

- **Howe Library**

- **Kindle Borrowing Agreement**

- You are responsible for damage, loss or theft of the Kindle while it is checked out to you.

- You will be responsible for the entire replacement cost of the Kindle (\$360.00) as well as a packaging and processing fee (\$____) for a **total of \$_____**.

- Do not leave the Kindle unattended when it is checked out to you. Use of the Kindle is restricted to the content installed. Downloading additional content is not permitted. You must be 18 years old or older in order to borrow this item.

- _____
Print name

- _____
Phone #

- _____
Signature

- _____
Date

- **Howe Kindle #_____**



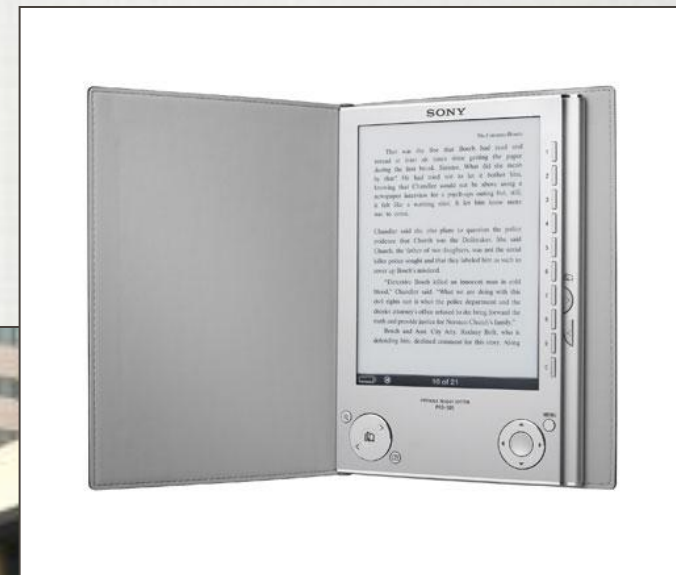
Legal issues?

AMAZON'S TERMS OF USE: "...you may not sell, rent, lease, distribute, broadcast, sublicense or otherwise assign any rights to the Digital Content or any portion of it to any third party...."

- Amazon spokesman Drew Herdener told Library Journal that loaning a Kindle without content is okay but sharing a preloaded device "with a wide group of people would not be in line with the terms of use."
- "We do not publicly discuss individual enforcement situations."
- Several libraries say that Amazon told them it's okay.

Lending Sony eReaders: San Diego Public Library

- Currently loan a dozen Sony eReaders at 5 different libraries
- 21-day check-out
- Must have a library card & photo ID
- Received a grant from Sony to increase their ebook collection



SDPL Central Library

What are libraries doing?

ereader survey

- Loan periods: 2 hours to 3 weeks
- Age restriction: must be 18 years old to check out
- Funding: Friends of the library, grants
- Storage: Kept in a glass display case when not in use
- Majority of devices are preloaded
- Sharing titles: Kindle-6 devices per title; Sony-5 devices
- Unauthorized purchases are prevented by using gift cards or deregistering the account

Ideas

- Perrot Memorial Library has a Kindle loaded with 10 newspapers that stays in the library.
- Mystery Kindle, Romance Kindle - "If you like this, read this..."
- eBook readers for homebound patrons
- Technology petting zoo
- Rapid ILL
- Partner with academic depts.

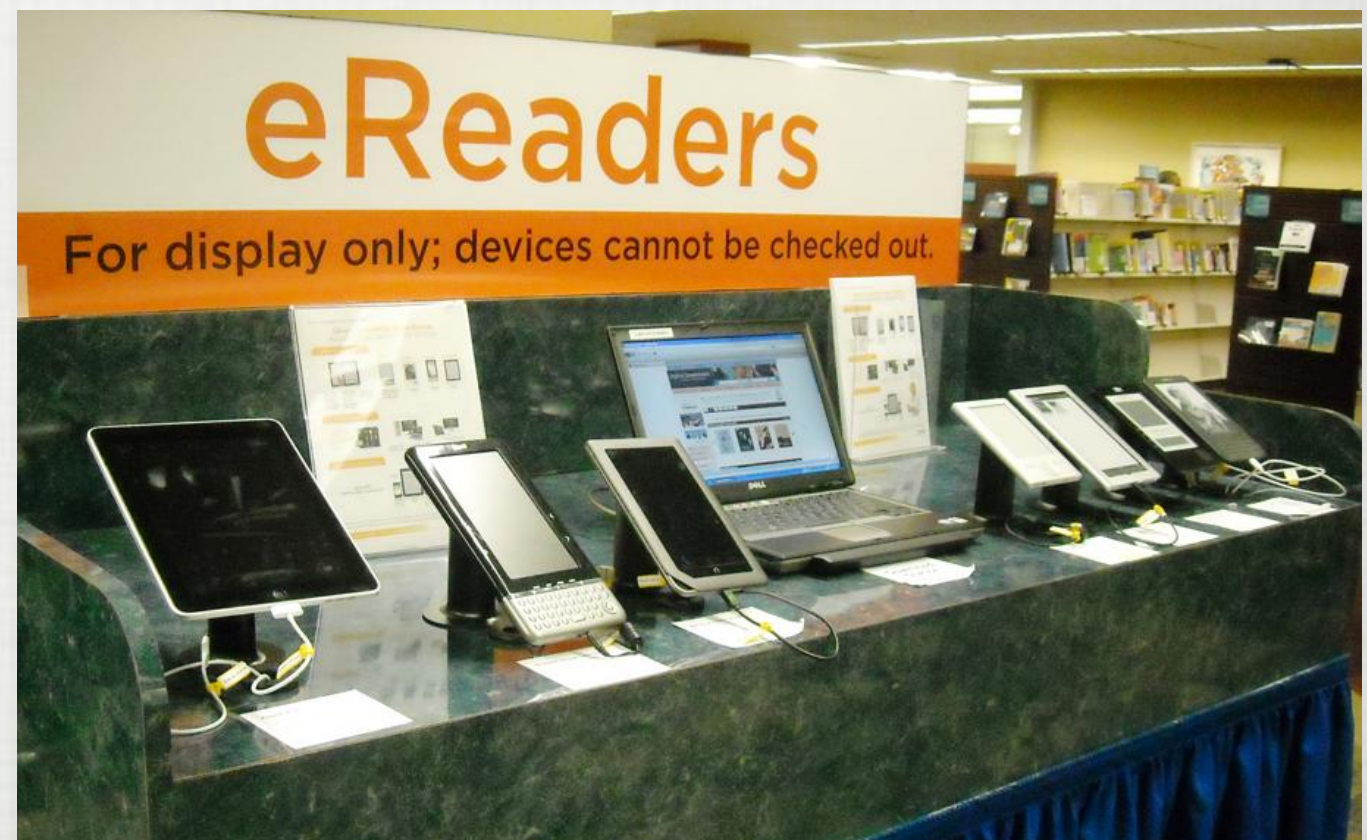
You got a
Nook for
Xmas, now
what?



Columbus Metropolitan Library

“Genius bar”

- Nook, Kindle, Literati, Ipad, Kobo, and Sony e-readers
- Located next to reference desk.
- Not a download station; used to demo Overdrive and allow “customers to handle and compare some of the more popular devices”



Installed 12/27/10


Santa Barbara Public Library

- Sony Reader Library Program
- Library staff received a 2-hour training session and 4 eReaders

Santa Barbara Public Library System

Downloadable

Read eBooks on your computer
or transfer them
to an eReader



eBooks

Learn how to browse, check out, and download OverDrive eBooks to your home computer, & how to transfer eBooks to your eReader. Computer experience required. Laptops and eReaders provided. One hour long. 10 person limit, RSVP.

CENTRAL - Thurs Sept 2nd @ 10:30 am

What are schools doing?

- Univ. of West Florida
- Oregon State Univ.
- Suffolk Univ. (Boston)
- Texas A&M Univ.
- NCSU



☒ Site

☐ People

Search UWF



University of West Florida Libraries

Home

Find

Research

Services

About

Kindle Title Request Form



Persons affiliated with the University of West Florida (faculty, staff, and students) may request book titles to be added to the University Libraries' Kindles. The library staff will attempt to fill your request and contact you when the title is available on a Kindle for checkout.

All available titles for the Kindle can be browsed/searched through [Amazon](#). There is currently a \$20.00 price cap for Kindle books.

Contact Information:

First and Last Name:

E-mail Address:

Telephone:


Requested Book Title Information:


Title:

Link to Title on [Amazon.com](#) :

(To help us locate the exact title please copy the URL Link from [Amazon.com](#) into the box above)

What are schools doing? cont.

 **NCSU LIBRARIES**

ASK US | MY ACCOUNT | HOURS | FAQ | CHAT NOW! 

FINDGET HELPSERVICESABOUT

Search books, articles, journals, & library website

Search

eBook Reader Lending

The NCSU Libraries offers Amazon Kindle and Sony eBook readers for check out to NCSU students, faculty, and staff. Both have the same E Ink "Electronic Paper" reading screens and come with protective covers and USB cables. Each holds a library of over 100 titles in their memory.

eBook readers loan to NCSU students, staff, and faculty. The loan period is one week with no renewals. Overdue charges accrue at the rate of \$10.00 per day.

Online Waiting List

Amazon Kindle

Amazon Kindle 1, Kindle 2 and Kindle DX eBook readers are available for a user-selected popular reading collection. Features and specifications for the Amazon Kindle 1, Kindle 2 and Kindle DX can be found [here](#).

[Kindle Titles Available](#)

One of the Kindle DX readers (#36) is a 4 hour loan news reader updated daily with TIME, Newsweek, The News & Observer, The New York Times, and Wall Street Journal. Pick up the Newsreader Kindle at the D. H. Hill Library Circulation Desk.



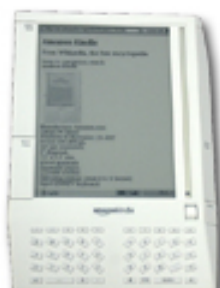
Sony Reader

Two Sony Readers are available for borrowing. Each contains 100 classic titles.

To see the titles available, display the Table of Contents in the catalog records:

- [Sony Portable E-Book Reader 1](#)
- [Sony Portable E-Book Reader 2](#)

Features and specifications for the Sony Reader can be found [here](#).



Kindles @ The Unquiet Library

<http://theunquietlibrary.libguides.com/kindles>

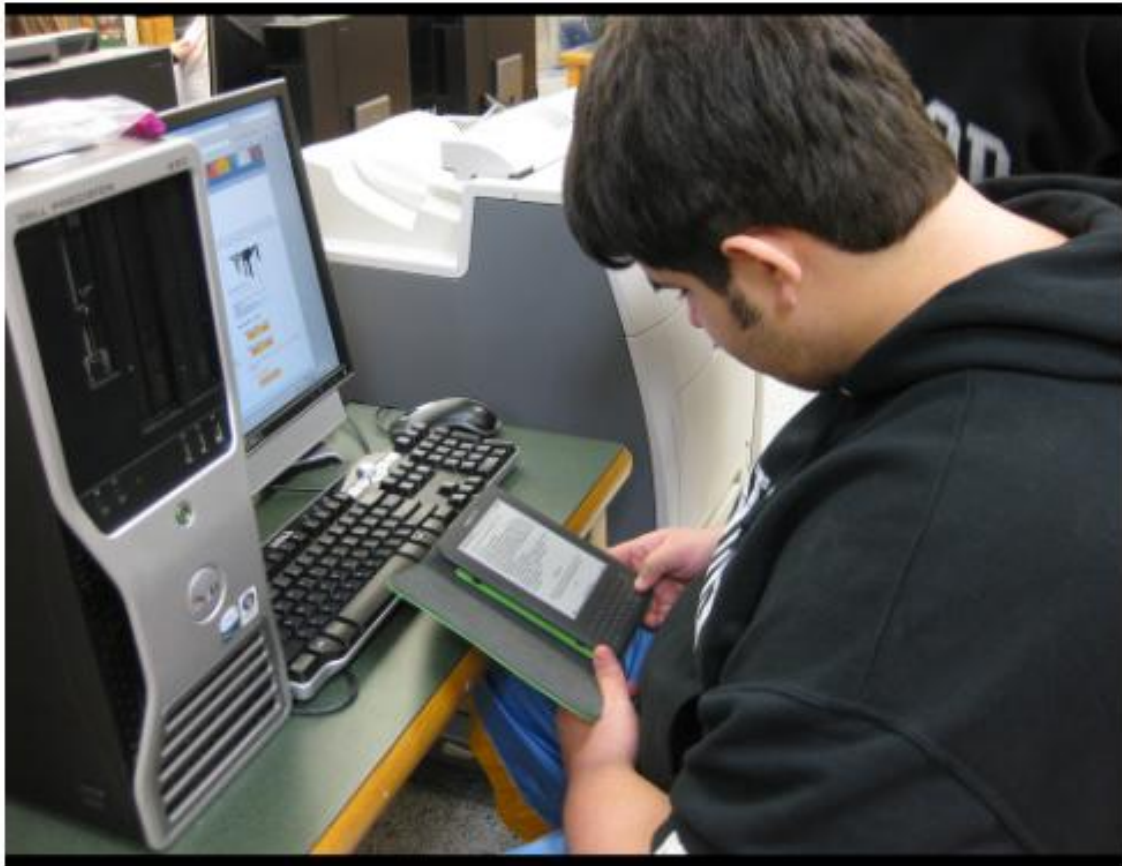
Home Videos for Students Videos for Librarians Student Voices and Thoughts on Kindles Professional Resources

Home Print Page Search

Our Kindle Document Library for Librarians

- eReader (Kindle) Checkout and Permissions Form 2010-11
- Request Form for Kindle eBooks
- Kindle eBook Tracking Form
- Form for Tracking What Kindle Devices Are Assigned to A Specific Kindle eBook
- Gift Card Tracking Record Form
- Kindle Device and Kindle eBooks: Procedures for Setting Up and Cataloging
- Spreadsheet for Tracking Titles and Assignments to Kindle Devices
- 11/16: Updated Sample Gift Card Tracking Form
- 11/16: Updated Kindle Device Tracking Form
- Bookmark for Kindle Checkout Template by Roxanne

Kindles @ The Unquiet Library



A photograph showing a young man with dark hair, wearing a black hoodie, sitting at a desk. He is looking down at a Kindle device he is holding in his hands. On the desk in front of him is a computer monitor displaying a website, a keyboard, and a mouse. The background shows a library setting with bookshelves.

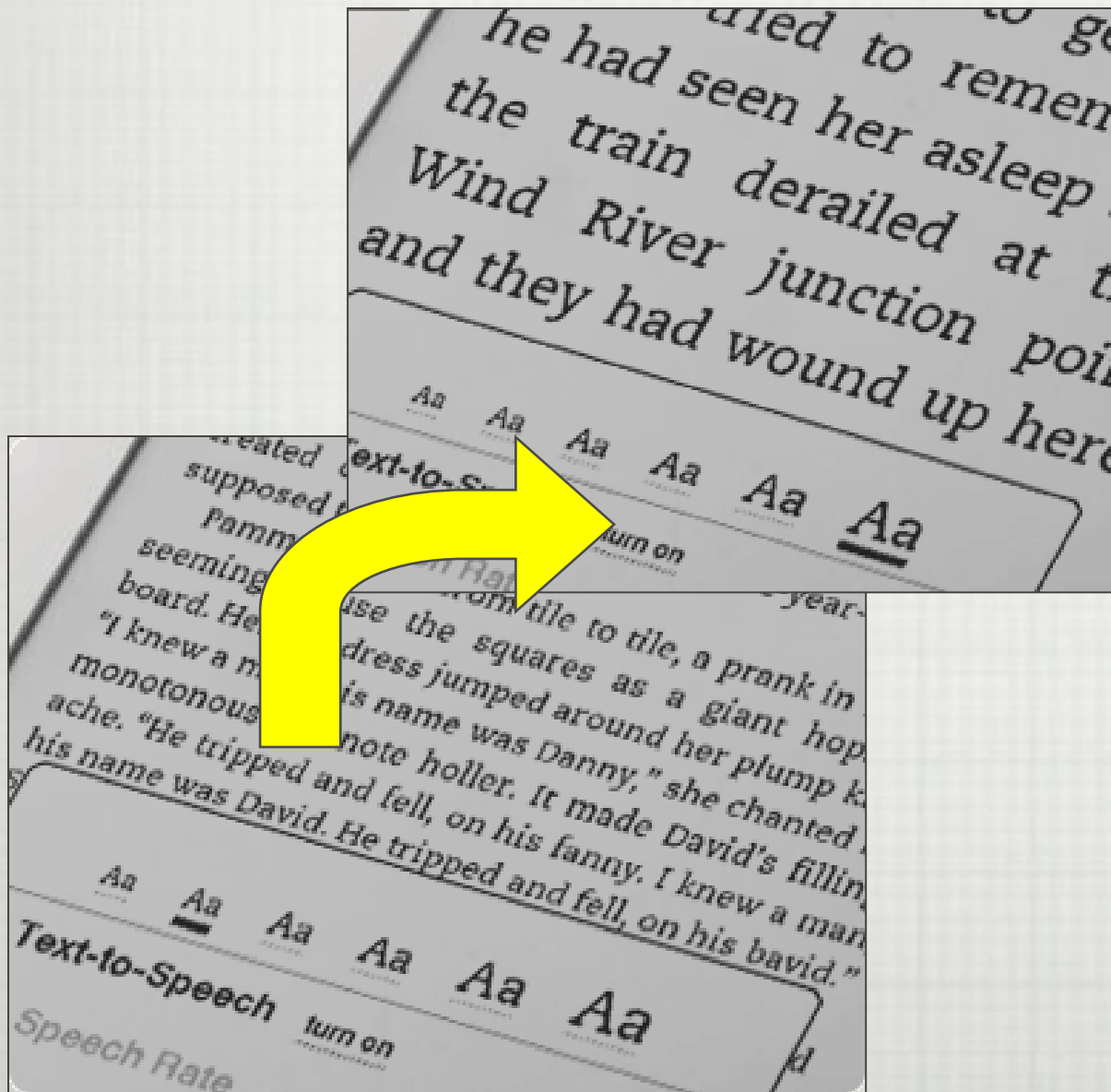
Kindle News from The Unquiet Library

- Videos:
- How to catalog a Kindle
- Student opinions on Kindle reading experience
- Creekside High Canton, GA

How to cite a Kindle

- Stephen, Levitt D. Freakonomics. Rev. and Expanded ed. New York: Harper Collins, 2006. Kindle file.
- Gladwell, M. (2008). Outliers: The story of success [Kindle DX version]. Retrieved from Amazon.com.
- One of the author's main points is that "people don't rise from nothing" (Gladwell, 2008, Chapter 1, Section 2, para. 5).

Accessibility



- **Kindle 3 has some of the best accessibility features:**
- “Read to me” option: personal docs, blogs, books, (publishers have to enable TTS)
- Voice Guide will read menus and book descriptions
- Every book can be a large-type book; Supersize fonts **40 pt.**
- Full image zoom

eBook aggregators

• Books24x7

• ebook library

• Ebrary

• Igroup

• Ilibrary

• Knovel

• Overdrive

• Safari

• SwetsWise

EBOOK SURVEY (PLA & ULC): (41 AMERICAN LIBRARIES)

- 90% use Overdrive
- 12% use Ingram

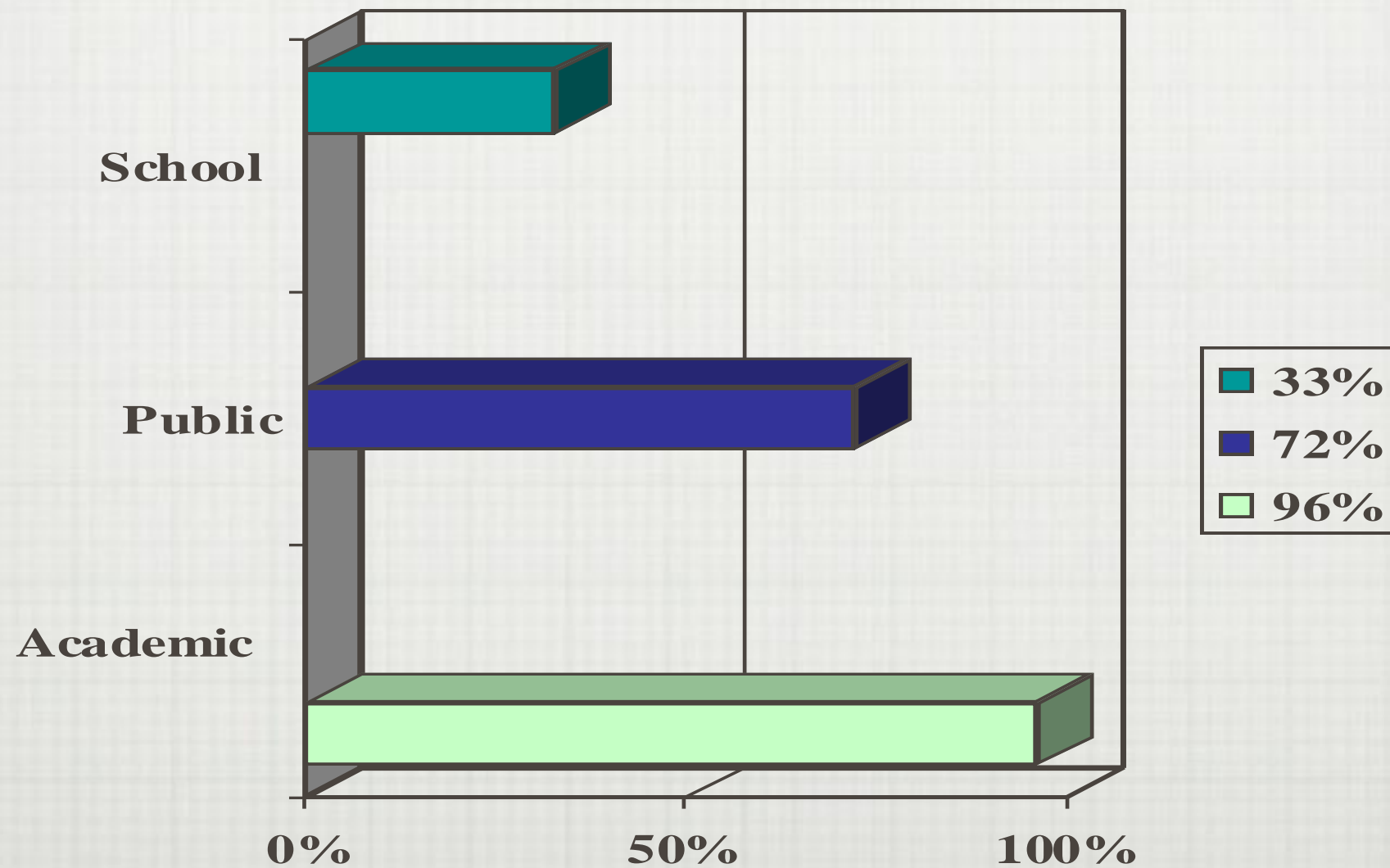
Check-out limits:

- 43% 5-10 eDownloads
- 36% 10+ eDownloads

Inhouse downloads?

- 46% - No
- 34% - Yes, download station
- 19% - Considering inhouse downloads

Who has ebooks?

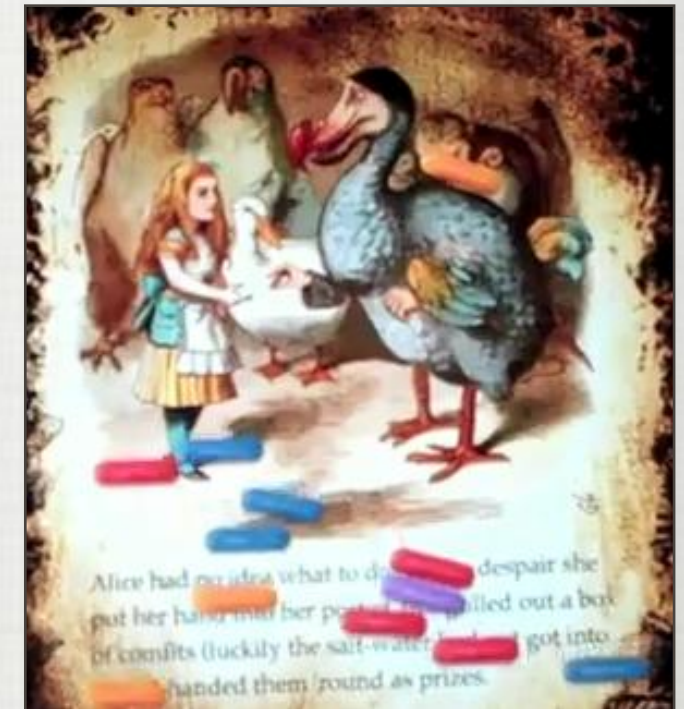


Ebook formats

- EPUB International Digital Publishing Forum's (IDPF) digital publication standard for ebooks
 - Reflowable text means that you can change the font and size of the text, and the text will automatically rewrap to fit the display. This is the ideal format for small screens.
 - Ability to embed content such as a Flash video inside of an eBook
- PDF Portable Document Format
 - Preserves layout of the original document. Ideal for complex or image-heavy documents such as graphic novels.
 - Text does not always reflow accurately, resulting in words split up randomly due to line or page breaks.

Implications for libraries

- Reading mashups - the value added experience
- “Haiku culture” - changing reading habits
- A new information literacy - helping the have nots & keeping up with the haves
- More people will become format agnostic or prefer electronic over print
- Increasing demand for convenience, self-service
- Direct to mobile



Alice on the ipad

Blio, Copia & Vook

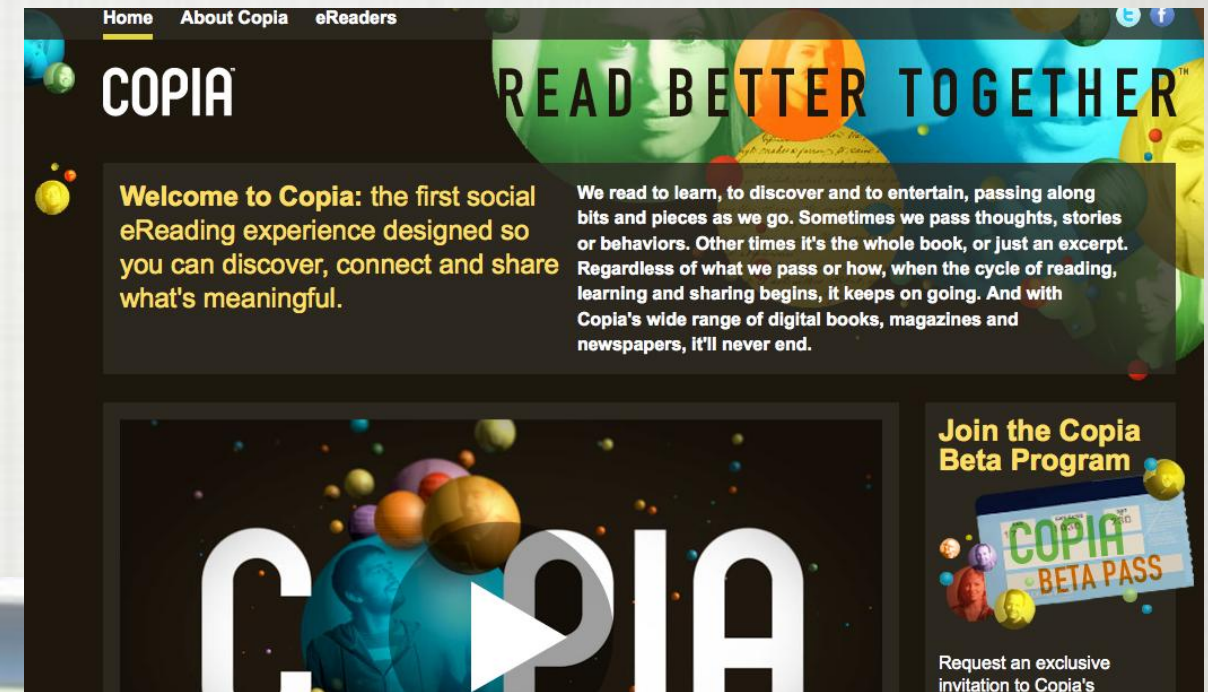


Blio is FREE eReader software that presents eBooks like you've never seen them before!

The FREE Blio eReader software is the new touchstone for the presentation of electron books & magazines. Stunning, full-color pages come alive in brilliant 3D. Even image-rich books are now at your digital fingertips — because Blio preserves a book's original layout, fonts, and graphics.

Blio is Coming Soon

Sign up to receive Blio updates:



Integration
of media,
audio, video,
web & text

Share passages on facebook

Update Your Status

Up all night with a book you can't put down? Update your reading status with friends - all right from the page you're reading. NOOKcolor lets you connect directly to Facebook® and Twitter® so you can stay connected while you read.

"I need to see you," the caller insisted. "I'll pay you well." Now Langdon was getting mad. "I'm sorry, but I really-"

"If you leave immediately, you can be here by-"

"I'm not..."

ing!" Langdon was not in the morning. He closed his eyes and tried to fall back asleep. It was no use. The dream was emblazoned in his mind. Reluctantly, he put on his robe and went downstairs. Robert Langdon wandered barefoot through his deserted Massachusetts Victorian home and nursed his ritual morning remedy-a mug of steaming Nestlé's Quik. The moon filtered through the bay windows and played on the oriental carpets. Langdon's colleagues often said that his place looked more like an anthropology museum than a home. His shelves were packed with religious artifacts from around the world-an ekuale Ghana, a gold cross from Spain, a cycladic idol from the Aegean, and even a rare woven boccus from Borneo, a young warrior's symbol of perpetual youth.

Share With Contact

Share Via Facebook

Share Via Twitter



Share Passages or Recommend Books

From laugh-out-loud chick lit to a moving memoir, sometimes what you read is just so interesting, you can't wait to communicate your thoughts. With just a few taps, NOOKcolor lets you share passages via Facebook®, Twitter® or your existing Google® contacts, all right from your NOOKcolor.

Resources

- eBook readers in libraries Facebook group
- COSLA ebook feasibility study for public libraries
- The Unquiet Library
- Edukindle
- Good ereader
- No Shelf Required
- Teleread



Special thanks to:

Thank you to the following individuals for sharing the results of their separate **ereaders in libraries** surveys:

Crista Cannariato, Yolo County Library

Sian Waterfield, Cambridge Library - Ontario

Image credits

- Alice for the ipad: ipodtouchlab, www.youtube.com
- Amazon Kindle Accessibility: Tim O'Brien photos, retrieved from www.timobrienphotos.com
- Title image: OLPC XO-2, www.blog.laptopmag.com